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REPORT

50X1-HUM

CD NO.

COUNTRY USSR

DATE OF  
INFORMATION 1953SUBJECT Economic - Agriculture, crops,  
mechanization, etc.

DATE DIST. Jul 1953

HOW  
PUBLISHED Daily newspapersWHERE  
PUBLISHED USSR

NO. OF PAGES 8

DATE  
PUBLISHED 1 - 31 Mar 1953SUPPLEMENT TO  
REPORT NO.

LANGUAGE Russian

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SURVEY OF AGRICULTURAL DATA FOR THE USSR, MARCH 1953

[Comment: This report presents information, from Soviet news-  
 papers, on agriculture in ten union republics of the USSR. Prog-  
 ress and statistical data are given on the following: sown area,  
 crops, mechanization, fertilization, rural electrification, land  
 improvement, and labor organization.

Numbers in parentheses refer to appended sources.<sup>7</sup>Karelo-Finnish SSR

The following table shows percentage fulfillment of the 1952 - 1953 plan  
 for repair of tractors and agricultural machinery in MTS, LMS (meadow improve-  
 ment stations), and sovkhozes of the republic:

| <u>Okrug</u>          | <u>Trac-<br/>tors</u> | <u>Plows</u>     | <u>Seed-<br/>ers</u> | <u>Culti-<br/>vators</u> | <u>Trac-<br/>tors</u> | <u>Plows</u>      | <u>Seed-<br/>ers</u> | <u>Culti-<br/>vators</u> | <u>Trac-<br/>tors</u> |
|-----------------------|-----------------------|------------------|----------------------|--------------------------|-----------------------|-------------------|----------------------|--------------------------|-----------------------|
|                       |                       | <u>1 Mar (1)</u> |                      |                          |                       | <u>10 Mar (2)</u> |                      |                          | <u>15 Mar (3)</u>     |
| MTS and LMS           |                       |                  |                      |                          |                       |                   |                      |                          |                       |
| Petrozavodskiy        | 74                    | 66               | 78                   | 51                       | 77                    | 71                | 86                   | 57                       | 80                    |
| Segezhskiy            | 62                    | 56               | 58                   | 33                       | 64                    | 58                | 60                   | 34                       | 67                    |
| Republic as whole     | 71                    | 64               | 74                   | 47                       | 74                    | 69                | 81                   | 52                       | 77                    |
| Sovkhozes of republic | 72                    | 73               | 84                   | 62                       | 76                    | 80                | 94                   | 67                       | 78                    |

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|       |                                     |      |                                     |      |  |              |  |  |  |  |  |  |  |  |
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| <u>Okrug</u>          | <u>Trac-</u><br><u>tors</u> | <u>Plows</u> | <u>Seed-</u><br><u>ers</u> | <u>Culti-</u><br><u>vators</u> | <u>Trac-</u><br><u>tors</u> |
|-----------------------|-----------------------------|--------------|----------------------------|--------------------------------|-----------------------------|
|                       | <u>20 Mar (4)</u>           |              |                            |                                | <u>25 Mar (5)</u>           |
| MTS and LMS           |                             |              |                            |                                |                             |
| Petrozavodskiy        | 83                          | 77           | 93                         | 69                             | 85                          |
| Segezhskiy            | 72                          | 65           | 70                         | 40                             | 74                          |
| Republic as whole     | 80                          | 74           | 93                         | 63                             | 83                          |
| Sovkhozes of republic | 81                          | 81           | 94                         | 81                             | 83                          |

Estonian SSR

The following table shows percentage fulfillment of the 1952 - 1953 plan for tractor repair in MTS of the republic:

| <u>Oblast</u> | <u>All</u>        |               |               | <u>All</u>         |               |               | <u>All</u>        |               |               |
|---------------|-------------------|---------------|---------------|--------------------|---------------|---------------|-------------------|---------------|---------------|
|               | <u>Repair</u>     | <u>Repair</u> | <u>Repair</u> | <u>Repair</u>      | <u>Repair</u> | <u>Repair</u> | <u>Repair</u>     | <u>Repair</u> | <u>Repair</u> |
|               | <u>28 Feb (6)</u> |               |               | <u>10 Mar (7)</u>  |               |               | <u>15 Mar (8)</u> |               |               |
| Pyarnuskaya   | 54                | 63            | 48            | 60                 | 70            | 55            | 66                | 77            | 59            |
| Tallinskaya   | 53                | 66            | 46            | 62                 | 76            | 53            | 67                | 83            | 57            |
| Tartuskaya    | 58                | 71            | 50            | 65                 | 83            | 54            | 69                | 88            | 57            |
|               | <u>20 Mar (9)</u> |               |               | <u>25 Mar (10)</u> |               |               |                   |               |               |
| Pyarnuskaya   | 71                | 84            | 64            | 76.4               | 93            | 70            |                   |               |               |
| Tallinskaya   | 73                | 90            | 63            | 78.8               | 98            | 67            |                   |               |               |
| Tartuskaya    | 76                | 96            | 63            | 79.2               | 102           | 65            |                   |               |               |

In 1952, four new MTS were organized in the republic, three in Tallinskaya Oblast and one in Pyarnuskaya Oblast. In the spring of 1953, four additional MTS are being organized, three in Pyarnuskaya Oblast and one in Tallinskaya Oblast.

In the course of 1953, MTS of the republic are to receive 450 self-propelled combines and the tractor park is to be doubled.(11)

In Tallinskaya Oblast, 38 agronomists and zootechnicians are now serving as kolkhoz chairmen.(12)

Latvian SSR

As of 20 March, in the republic as a whole, only 70 percent of the tractors, 64 percent of the tractor plows, 34 percent of the seeders, and 61 percent of the cultivators were ready for spring field work.(13)

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Lithuanian SSR

The following table shows percentage fulfillment of the 1952 - 1953 plan for tractor repair in MTS of the republic:

| <u>Oblast</u>  | <u>28 Feb (14)</u> | <u>10 Mar (15)</u> | <u>15 Mar (16)</u> | <u>20 Mar (17)</u> | <u>25 Mar (18)</u> |
|----------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Kaunasskaya    | 64.0               | 70.0               | 73.6               | 77.8               | 82.6               |
| Klaypedskaya   | 55.5               | 63.2               | 65.8               | 72.8               | 75.7               |
| Shyaulyayskaya | 55.6               | 61.4               | 64.2               | 69.4               | 74.1               |
| Vil'nyusskaya  | 59.9               | 66.3               | 69.9               | 74.4               | 79.7               |

Belorussian SSR

In 1953, more than seven percent of the sown area in kolkhozes of Baranovichskaya Oblast will be sown to fiber flax.(19)

The following table shows percentage fulfillment of the 1952 - 1953 plan for repair of tractors and combines in MTS of the republic:

|                  | <u>1 Mar (20)</u>           |                             | <u>10 Mar (21)</u>          |                             | <u>15 Mar (22)</u>          |                             | <u>20 Mar (23)</u>          |                             | <u>25 Mar (24)</u>          |                             |
|------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| <u>Oblast</u>    | <u>Trac-</u><br><u>tors</u> | <u>Com-</u><br><u>bines</u> | <u>Trac-</u><br><u>tors</u> | <u>Com-</u><br><u>bines</u> | <u>Trac-</u><br><u>tors</u> | <u>Com-</u><br><u>bines</u> | <u>Trac-</u><br><u>tors</u> | <u>Com-</u><br><u>bines</u> | <u>Trac-</u><br><u>tors</u> | <u>Com-</u><br><u>bines</u> |
| Baranovichskaya  | 68.3                        | 12.1                        | 75.6                        | 12.7                        | 79.3                        | 12.7                        | 84.0                        | 12.7                        | 87.9                        | 12.7                        |
| Bobruyskaya      | 65.7                        | 15.1                        | 71.0                        | 15.3                        | 73.3                        | 15.3                        | 77.4                        | 15.3                        | 79.1                        | 15.3                        |
| Brestskaya       | 70.1                        | 11.8                        | 74.2                        | 11.8                        | 79.1                        | 11.8                        | 82.5                        | 11.8                        | 85.0                        | 11.8                        |
| Gomel'skaya      | 64.6                        | 17.5                        | 69.5                        | 17.5                        | 71.7                        | 17.5                        | 77.9                        | 17.5                        | 81.1                        | 17.5                        |
| Grodnenskaya     | 66.7                        | 22.7                        | 73.7                        | 22.7                        | 74.5                        | 22.7                        | 80.1                        | 23.8                        | 81.7                        | 23.8                        |
| Minskaya         | 65.1                        | 9.4                         | 69.3                        | 9.9                         | 72.0                        | 9.9                         | 76.1                        | 10.6                        | 77.9                        | 10.7                        |
| Mogilevskaya     | 58.5                        | 7.7                         | 63.9                        | 7.7                         | 67.1                        | 7.7                         | 75.0                        | 8.1                         | 80.3                        | 8.1                         |
| Molodechnenskaya | 67.9                        | 6.1                         | 76.2                        | 6.1                         | 79.1                        | 6.1                         | 82.4                        | 6.1                         | 83.7                        | 6.1                         |
| Pinskaya         | 66.8                        | 6.5                         | 72.3                        | 6.5                         | 72.8                        | 6.5                         | 76.7                        | 8.2                         | 78.9                        | 9.9                         |
| Polesskaya       | 64.5                        | 10.3                        | 69.5                        | 10.3                        | 73.9                        | 10.3                        | 80.8                        | 11.5                        | 85.0                        | 12.8                        |
| Polotskaya       | 59.0                        | 9.8                         | 64.3                        | 11.4                        | 64.5                        | 11.4                        | 70.7                        | 12.9                        | 71.3                        | 13.1                        |
| Vitebskaya       | 62.8                        | 7.0                         | 68.0                        | 7.5                         | 70.0                        | 7.6                         | 72.9                        | 7.8                         | 75.2                        | 13.1                        |

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The following table shows percentage fulfillment of the 1953 plan for application of local fertilizers to kolkhoz fields of the republic:

| <u>Oblast</u>    | <u>1 Mar (20)</u> |             | <u>10 Mar (21)</u> |             | <u>20 Mar (23)</u> |             |
|------------------|-------------------|-------------|--------------------|-------------|--------------------|-------------|
|                  | <u>Manure</u>     | <u>Peat</u> | <u>Manure</u>      | <u>Peat</u> | <u>Manure</u>      | <u>Peat</u> |
| Baranovichskaya  | 44.1              | 51.2        | 56.0               | 64.4        | 70.4               | 92.2        |
| Bobruyskaya      | 23.5              | 27.6        | 29.3               | 35.6        | 38.2               | 45.1        |
| Brestskaya       | 45.4              | 22.2        | 54.2               | 26.6        | 65.5               | 30.8        |
| Gomel'skaya      | 18.4              | 23.3        | 25.2               | 31.8        | 34.1               | 41.2        |
| Grodenskaya      | 45.9              | 38.7        | 58.9               | 45.2        | 71.8               | 58.3        |
| Minskaya         | 24.0              | 19.3        | 29.4               | 23.8        | 37.4               | 30.8        |
| Mogilevskaya     | 9.6               | 2.8         | 15.9               | 4.9         | 25.0               | 7.0         |
| Molodechnenskaya | 26.9              | 42.1        | 39.3               | 59.6        | 54.5               | 76.9        |
| Pinskaya         | 38.2              | 12.1        | 47.4               | 15.4        | 56.7               | 19.6        |
| Polesenskaya     | 24.0              | 15.6        | 29.3               | 20.0        | 37.6               | 24.6        |
| Polotskaya       | 20.5              | 14.4        | 30.3               | 19.9        | 42.4               | 26.2        |
| Vitebskaya       | 12.3              | 2.8         | 16.3               | 3.5         | 22.5               | 4.3         |

Ukrainian SSR

By 25 March, supplemental fertilization had been carried out on 150,000 more hectares of winter crops and perennial grasses in the republic than by the same time in 1952.(25)

Moldavian SSR

The following table shows percentage fulfillment of the 1952 - 1953 plan for repair of agricultural machinery in the republic, as of 1 March (26):

| <u>Okrug</u>  | <u>Tractor-drawn, in MTS</u> |                |                    | <u>Horse-drawn, in kolkhozes</u> |                |                    |
|---------------|------------------------------|----------------|--------------------|----------------------------------|----------------|--------------------|
|               | <u>Plows</u>                 | <u>Seeders</u> | <u>Cultivators</u> | <u>Plows</u>                     | <u>Seeders</u> | <u>Cultivators</u> |
| Bel'tskiy     | 55.4                         | 67.4           | 76.6               | 78.3                             | 70.7           | 81.1               |
| Kagul'skiy    | 70.7                         | 77.1           | 63.8               | 82.4                             | 84.1           | 68.6               |
| Kishinevskiy  | 67.7                         | 71.3           | 75.2               | 87.5                             | 90.5           | 82.7               |
| Tiraspol'skiy | 80.6                         | 77.6           | 71.2               | 72.5                             | 74.1           | 52.8               |

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The following table shows percentage fulfillment of the 1952 - 1953 plan for repair of tractors and combines in MTS of the republic:

| <u>Okrug</u>  | <u>Trac-</u><br><u>tors</u> | <u>Including</u><br><u>Capital</u><br><u>Repair</u> | <u>Com-</u><br><u>bines</u> | <u>Including</u><br><u>Capital</u><br><u>Repair</u> | <u>Trac-</u><br><u>tors</u> | <u>Including</u><br><u>Capital</u><br><u>Repair</u> | <u>Com-</u><br><u>bines</u> | <u>Including</u><br><u>Capital</u><br><u>Repair</u> |
|---------------|-----------------------------|---|-----------------------------|---|-----------------------------|---|-----------------------------|---|
|               | <u>1 Mar (26)</u>           |   |                             |   | <u>15 Mar (27)</u>          |   |                             |   |
| Bel'tskiy     | 72.7                        | 61.9  | 46.5                        | 23.6  | 82.4                        | 71.7  | 46.6                        | 22.1  |
| Kagul'skiy    | 75.3                        | 67.6  | 39.5                        | 29.2  | 83.0                        | 74.7  | 40.1                        | 30.1  |
| Kishinevskiy  | 77.0                        | 71.6  | 34.1                        | 10.1  | 84.1                        | 78.1  | 34.3                        | 10.1  |
| Tiraspol'skiy | 80.3                        | 69.1  | 30.1                        | 11.2  | 88.6                        | 77.2  | 31.0                        | 11.2  |
|               | <u>25 Mar (28)</u>          |   |                             |   |                             |   |                             |   |
| Bel'tskiy     | 90.1                        | 79.2  | 46.6                        | 22.1  |                             |   |                             |   |
| Kagul'skiy    | 88.6                        | 80.6  | 40.6                        | 30.1  |                             |   |                             |   |
| Kishinevskiy  | 92.5                        | 87.6  | 35.1                        | 11.1  |                             |   |                             |   |
| Tiraspol'skiy | 95.8                        | 85.6  | 31.3                        | 13.1  |                             |   |                             |   |

RSFSR

Kolkhozes of Dagestanskaya ASSR are irrigating 31,000 hectares of winter crops.(29)

By 22 March, warm weather had melted the snow from the fields everywhere in Kaliningradskaya Oblast. Kolkhozes and sovkhazes were carrying out supplemental fertilization of winter crops on a wide scale. In some kolkhozes, tractor brigades had begun plowing.(30)

Winter wheat will account for more than one half of the 1953 winter crop harvest in Moskovskaya Oblast.(31)

In 1952, MTS of Moskovskaya Oblast received 81<sup>1</sup>/<sub>2</sub> tractors, 325 combines, 850 potato planters, and much other equipment.

At present, there are 444 kolkhoz chairmen with higher and secondary educations in Moskovskaya Oblast; among them are 175 agronomists and 70 veterinarians.(32)

During the last two years, 33 hydroelectric power stations have been built on the rivers of the Tatarskaya ASSR, including the Novo-Mel'kenskaya GES on the Ik River. This GES serves four consolidated kolkhozes, a sovkhaz, the rayon center of Menzelinsk, and three hospitals; soon, the station is to provide power to two additional consolidated kolkhozes.

At present, 16 additional hydroelectric power stations are being erected on the Sviyaga, Shna, Tayma, Kichuy, Cheremshan, Stepnoy Zay, and Sheshma rivers. Eight of these will be in operation before the end of 1953.(33)

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Uzbek SSR

The following table shows percentage fulfillment of the 1953 plan for sowing of cotton in the republic, as of 25 March (34):

| <u>Oblast</u>         | <u>Fulfillment</u> | <u>Oblast</u>       | <u>Fulfillment</u> |
|-----------------------|--------------------|---------------------|--------------------|
| Andizhanskaya         | 4.9                | Khorezmskaya        | not begun          |
| Bukharskaya           | 10.8               | Namanganskaya       | 1.3                |
| Ferganskaya           | 0.5                | Samarkandskaya      | not begun          |
| Kara-Kalpakskaya ASSR | not begun          | Surkhan-Dar'inskaya | 31.5               |
| Kashka-Dar'inskaya    | 0.9                | Tashkentskaya       | 0.5                |

As of 25 March, percentage fulfillment of 1953 plans for various operations was as follows in Khorezmskaya Oblast and Kara-Kalpakskaya ASSR (34):

| <u>Operation</u>                    | <u>Khorezmskaya<br/>Oblast</u> | <u>Kara-Kalpakskaya<br/>ASSR</u> |
|-------------------------------------|--------------------------------|----------------------------------|
| Repair of tractors                  | 93.4                           | 96.9                             |
| Plowing for cotton                  | 72.5                           | 58.4                             |
| Leaching of salinized land          | 37.5                           | 59.0                             |
| Harrowing for moisture conservation | not begun                      | 3.2                              |
| Application of mineral fertilizers  | 2.1                            | 8.2                              |
| Sowing of alfalfa                   | 37.1                           | 16.1                             |

As of 20 March, percentage fulfillment of 1953 plans for various operations was as follows in Ferganskaya and Namanganskaya oblasts (35):

| <u>Operation</u>   | <u>Ferganskaya</u> | <u>Namanganskaya</u> |
|--|--------------------|----------------------|
| Repair of tractors   | 101.9              | 92.3                 |
| Plowing for cotton   | 72.4               | 53.2                 |
| Leaching of salinized land   | 99.2               | 87.9                 |
| Harrowing for moisture conservation                                  | 27.5               | 28.6                 |
| Application of mineral fertilizers                                   | 21.9               | 40.4                 |
| Sowing of alfalfa  | 62.3               | 43.7                 |
| Earth work in connection with conversion to new system of irrigation | 17.5               | 22.9                 |

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As of 15 March, percentage fulfillment of 1953 plans for various operations was as follows in Kashka-Dar'inskaya and Surkhan-Dar'inskaya oblasts (36):

| <u>Operation</u>                        | <u>Kashka-Dar'inskaya</u> | <u>Surkhan-Dar'inskaya</u> |
|---|---------------------------|----------------------------|
| Plowing for cotton                      | 105.2                     | 102.4                      |
| Sowing of alfalfa                       | 43.1                      | 76.2                       |
| Early spring harrowing                  | 10.5                      | 43.4                       |
| Repair of tractors in cotton-sowing MTS | 107.8                     | 47.1                       |
| Repair of tractors in grain-sowing MTS  | 89.8                      | 81.2                       |
| Sowing of spring spiked-grain crops     | 91.9                      | 90.6                       |

Kirgiz SSR

As of the middle of March, spring field work in kolkhozes of the republic was proceeding at a much slower pace than as of the same time in 1952. Despite an early spring, 18,000 fewer hectares had been plowed and 9,000 fewer hectares sown in kolkhozes of Oshskaya Oblast, 5,000 fewer hectares had been plowed and 3,000 fewer hectares shown in kolkhozes of Dzhahalal-Abadskaya Oblast, and 3,000 fewer hectares had been plowed and 4,000 fewer hectares shown in kolkhozes of Frunzenskaya Oblast. (37)

During the last 4 years, the Issyk-Kul'skiy Rayon Experimental Station has obtained an average yield of 33.5 quintals per hectare from sowings of the Narodnaya-9423 variety of wheat. In 1952, the Voroshilov Kolkhoz obtained a yield of 24.3 quintals per hectare. The superiority of this variety of wheat lies in the fact that it grows and ripens evenly. (38)

During the years 1953 and 1954, rural hydroelectric power stations with a total capacity of 23,000 kilowatts are to be put into operation in the republic. (39)

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